

side: Primaries brown with a very narrow yellow line below the costa and extending from near the middle of the wing to the base; on the outer half of the costal margin and on the outer margin are about ten yellow lines. Secondaries with a subcostal yellow line and below this is another one, bifid from the middle to the outer margin of the wing. The lower two-thirds of the wing is white with five or six narrow fuscus lines in it. Expanse of one wing 12 mm.

*Type*, a male from Huigra, Ecuador, (S. N. Rhoads). This is a very pretty and graceful little species. *Gracilis* Felder appears to be its nearest ally.

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## The known Membracidae of Ecuador (Homop.)

By Dr. FREDERIC W. GODING, Guayaquil, Ecuador.

During a residence of more than six years in Ecuador, collectors have been supplying material from which this list of forty-five species of Membracidae is based, while heretofore but eight had been recorded; those in my collection are indicated by an \*. Representatives of the subfamily Centrotinae have not been identified from this Republic. Types of the new species here described are in my collection.

### TRAGOPINAE.

\**Horiola picta* Fabr. Coq. Ill. Ins. ii, p. 78, pl. 18, f. 10. *Hab.*: Ana Maria Farm, Province of Los Rios, (Rorer).

\**Horiola lineola* Fabr. Syst. Ryn. p. 30. *Hab.*: Ana Maria Farm, Province of Los Rios, (Rorer).

\**Horiola arcuata* Fabr. Syst. Ryn. p. 29. *Hab.*: Ana Maria Farm, Province of Los Rios, (Rorer).

### SMILIINAE.

\**Cyphonia clavata* Fabr. Mant. Ins. ii, p. 264. *Hab.*: Machala, Province of El Oro, (Rorer).

*Antonae guttipes* Walk. List Hom. Brit. Mus., Suppl. p. 157. *Hab.*: Napo River, Province of El Oriente, (Walker).

*Centrogonia centrotoides* Walk. List Hom. Brit. Mus., Suppl. p. 138. *Hab.*: Napo River, Province of El Oriente, (Walker).

\**Centrogonia flavo-limbata* n. sp. (See description on another page.) *Hab.*: Pifo, Province of Pichincha, (Campos).

*Acutalis* (?) *terminalis* Walk. Ins. Saund. Hom. p. 76. *Hab.*: Province of Pichincha, (Distant).

\***Polyglypta dorsalis** Burm. Silb. Rev. Ent. iv, p. 178. *Hab.*: Province of El Oriente, (Goodfellow).

\***Erosne bracteata** Stal. Bid. Mem. K. p. 240. *Hab.*: Machala, Province of El Oro, (Rorer).

\***Heranice miltoglypta** Fairm. Rev. Mem. p. 306, pl. 5, f. 4 and 12. *Hab.*: Machachi, Corazon, Province of Pichincha, (Distant); Cañar, Province of Cañar, (Pachano).

**Hille equadorensis** Fowl. Tr. Ent. Soc. Lond. (1894), p. 420. *Hab.*: Ecuador, (Fowler).

\***Hille sobria** Walk. List. Hom. Brit. Mus. p. 523. *Hab.*: Quito. Province of Pichincha, (Walker); Province of El Oriente, (Goodfellow).

**Hille perfecta** Walk. List Hom. Brit. Mus., Suppl. p. 139. *Hab.*: Napo River, Province of El Oriente, (Walker).

\***Ecuadoriana bactriana** n. gen. et sp. (See description on another page.) *Hab.*: Zuñas, Province of Chimborazo, (Feyer).

\***Oxygonia chrysur**a Fairm. Rev. Mem. p. 302, pl. 5, f. 18. *Hab.*: Province of El Oriente, (Goodfellow).

\***Oxygonia erythropus** Burm. Handb. Ent. ii, p. 139. *Hab.*: Province of El Oriente, (Goodfellow).

**Oxygonia rufo-maculata** Fallou. Rev. d' Ent. ix, p. 353. *Hab.*: Ecuador, (Fallou).

**Oxygonia fasciata** Fallou. Rev. d' Ent. ix, p. 353. *Hab.*: Ecuador, (Fallou).

\***Adippe histrio** Walk. Ins. Saund. Hom. p. 71. *Hab.*: Province of El Oriente, (Goodfellow).

**Lucilla intermedia** Fowl. Tr. Ent. Soc. Lond. (1894), p. 421. *Hab.*: Ecuador, (Fowler).

#### DARNINAE

\***Aconophora pugionata** Germ. Mag. Ent. iv, p. 20. *Hab.*: Ana Maria Farm, Province of Los Rios, (Rorer).

\***Hyphinoe morio** Stal. Bid. Mem. K. p. 257. *Hab.*: Posorja, Province of Guayas, (Campos).

\***Tomogonia camposiana** n. sp. (See description on another page.) *Hab.*: Posorja, (Campos).

**Heniconotus aethiops** Butl. Cistula Ent. (1877), p. 361, pl. 7, f. 13. *Hab.*: Ecuador, (Butler).

#### HOPLOPHORINAE

\***Triquetra bos** Fairm. Rev. Mem. p. 282. *Hab.*: Province of El Oriente, (Goodfellow).

\***Triquetra nigro-carinata** Fairm. Rev. Mem. p. 280. *Hab.*: Normandy, Province of El Oriente, (Feyer).

(To be Continued)